

# \_\_Environment, Health, & Safety \_ Training Program

### **EHS0171 Compressed Gas and Pressure Safety**

Course Prerequisite:

**Medical Approval:** 

No

No

### **Course Syllabus**

**Subject Category: Compressed Gas and Pressure Safety** 

N/A

Course Length: 2.5 hours

**Delivery Mode: Web-based Training** 

Schedule: N/A

**Course Purpose:** This course is designed to provide information to enable employees/students to:

- 1. Safely work with compressed gasses in "typical" bottled gas applications at working pressures up to 150 psig
- 2. Assess the hazards associated with pressure vessels and vacuum systems.

### **Course Objectives:**

Location/Time:

- Understand the hazards related to use of compressed gas systems
- Review LBNL's requirements for simple gas pressure systems and vacuum systems
- Discuss what and when additional hazard controls are necessary for pressure systems and vacuum systems

#### **Course Instructional Materials:**

Web-based Presentation

Instructors: Joe Dionne

## **Training Compliance Requirements:**

- 1910.101, Compressed gases (general requirements)
- <u>1910.102</u>, Acetylene
- <u>1910.103</u>, Hydrogen
- <u>1910.104</u>, Oxygen
- <u>1910.105</u>, Nitrous oxide
- <u>1910 Subpart M</u>, Compressed gas and compressed air equipment
- <u>1910.169</u>, Air receivers

#### **Course Handouts:**

None

**Participant Evaluation**: Employees will be asked to demonstrate what they have learned from the web-based training by taking a quiz at the end of the course. Employees must pass the quiz with an 80% score to receive course credit.

Written Exam: Yes

Practical Exam: No

Retraining/Recertification: No

WEB Resource: EH&S Training Program web page @ http://www.lbl.gov/ehs/html/training.htm.

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